MasterMover

MT200

Battery powered electric tug



MT200



Overview

The MT200 delivers unrivalled manoeuvrability when moving heavy-wheeled loads weighing up to 2,000kg. Using its own weight to deliver consistent traction, the MT200 enables the effortless movement of loads both inside, outside and on slopes.

With ergonomic controls, lightweight steering and an intuitive design, MasterTug takes the strain and empowers an operator to move heavy loads with complete control. A secure coupling system maximises load security and performance, guaranteeing total peace of mind.

Key Features

Safety

- Audible horn, flashing safety light, emergency stop button and anti-crush button
- Speed control with an optional two-speed selector switch for maximum control
- · Complete load security

Power

- · Optimised motor output to optimise speed and power
- · Maintenance-free, interchangeable battery options
- Powerful, effective, traction generation for smooth performance

Performance

- · Powerful weight-moving capabilities
- Start, move and stop movement on slopes
- · Compact machine design, perfect for tight spaces

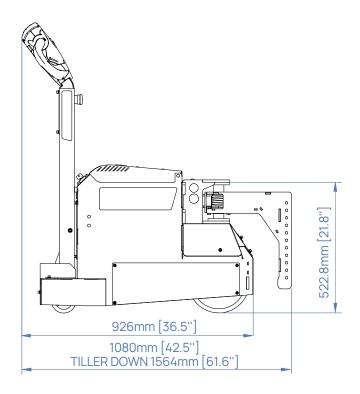
Connection

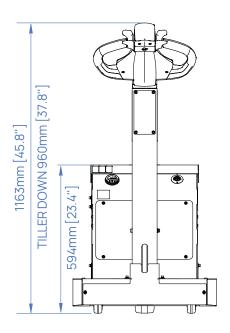
- Secure coupling systems delivers controlled movement of loads
- BoxCoupling maximises load security, even on rough, uneven floors

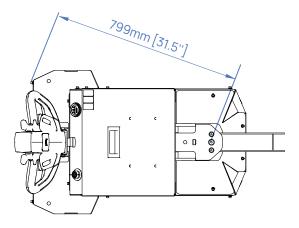




Dimensions







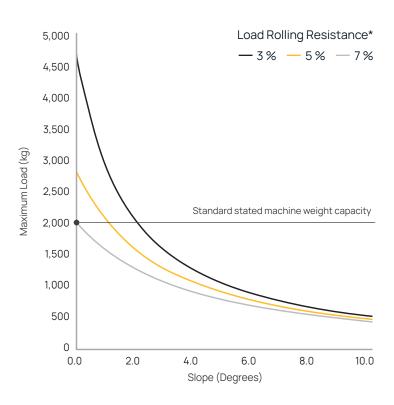
Slope Performance

The force required to move a load is based on load weight, slope angle and floor condition.

Movement on a slope increases the force required to safely start, stop and move the load.

If your application involves moving a load up or down a slope, speak to our team who will be happy to advise on which machine will meet your requirements.

^{*} Variables that affect rolling resistance include the quality of floor/terrain and the type/condition/quality of castor wheels.



In Application: MasterTug

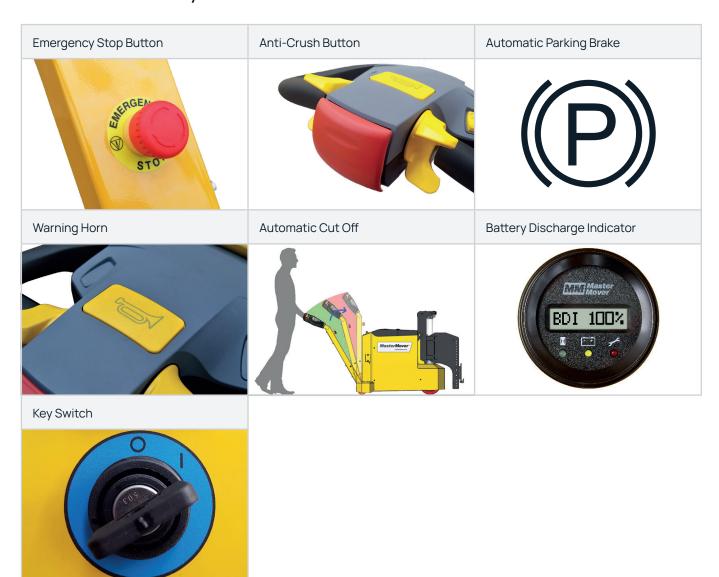








Standard Safety Features



Machine Options

Additional AGM Battery Z50-00301	Flashing Light & Motion Beeper Z50-00500	Two Speed Selector Switch Z50-00502
Battery Protection System Z50-00504	Lift and Tie Down Points Z50-00505	
+		

Couplings



Custom Engineering

We understand that every application is different. Whether it's a custom coupling to connect to your load, modifying our electric tugs to work in a challenging environment, or designing an entirely new solution for your application, our Customer Engineering team are here to help.

For more information on our custom engineering capabilities, please visit: mastermover.com/custom-solutions If you'd like to discuss your requirements, speak to your sales representative or email: sales@mastermover.com

Technical Specification

Machine	
Product code	Z50-00104
Maximum load (on castors I on rails)	2,000 kg 8,000 kg
Maximum (push force I pull force)	1,373 N I 1,373 N
Machine weight	179 kg
Battery weight (standard)	43 kg
Combined machine & battery weight (standard)	222 kg
Drive type	Electric
Braking	Regenerative
Parking brake	Electromagnetic
Drive wheel type	Non-Marking Polyurethane
Castor wheel type	Non-Marking Polyurethane
Drive wheel diameter	245 mm
Drive motor power	1.2 kW
Controller type	AC
Standard machine speed (no speed selector switch)	2 KPH
Hare mode speed (With two speed selector switch)	3 KPH
Tortoise mode speed (With two speed selector switch)	1.2 KPH
Maximum slope	8°
Voltage	24 v
Noise level	Motor ≤80 dBA I Flashing light ≤85 dBA I Horn ≤112 dB/
Metal work finish	Powder coat paint & zinc plated
Prating	IP44
AGM Battery	
Product code	Z50-00301
Battery pack capacity	46 Ah
Maximum distance per charge*	10.6 km
Charge time (External charger)	3 hrs 45 mins
Charge time (Internal charger)	3 hrs 45 mins
External Charger	
Product code	Z50-00405
nput voltage	85 - 265 v
Hertz	50 - 60 Hz
	10 A
Amps	1071

Technical Specification

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